

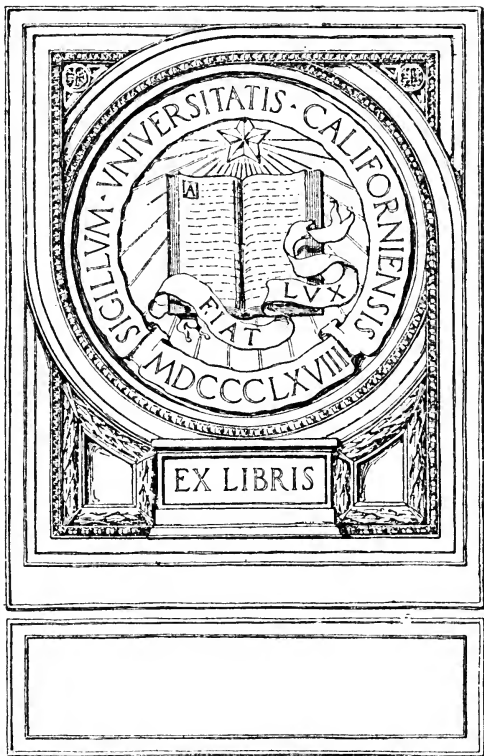
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## STUDY OUTLINE SERIES

### PRESENT DAY INDUSTRIES IN THE UNITED STATES

Many clubs are convinced of the advantage of studying one subject thruout the season, and for this work a carefully prepared program is needed. Local or state committees and state library commissions have spent time in preparing outlines which would be suitable for use elsewhere if they could be made available by printing. It is proposed in this series to centralize such work and to conserve the effort spent in making a good outline by putting it in shape for distribution. Clubs themselves by an actual testing of the outlines thus offered will be able to offer suggestions and criticism which will lead to a revision of form.

# The Study Outline and Its Use

The series will include outlines on art, literature, travel, biography, history and present day questions.

The outlines vary in length. If more topics are given than the number of club meetings for the season, those topics that are more difficult to handle or on which there is less available material, may be dropped. If there are fewer topics than the scheduled meetings, certain topics may be divided.

Lists of books are appended to some of the outlines. It would be well for the club to own some of the recommended books. Others can be obtained either from the local public library or from the state traveling library. When very full lists are given it is not necessary for any club to use all the books, but the longer list leaves more room for choice.

The best material on some subjects may be found, not in books, but in magazines. These may be looked up under the subject in the *Readers' Guide to Periodical Literature*. Magazine articles and illustrated material may be obtained from the *Wilson Package Library*. For terms see fourth page of cover.

A list of the study outlines now in print will be found on page three of this cover. For later additions to the list write to publisher.

PRESENT DAY INDUSTRIES  
in the  
UNITED STATES  
A STUDY OUTLINE

PREPARED BY  
STUDY CLUB DEPARTMENT  
Wisconsin Library Commission

THE H. W. WILSON COMPANY  
WHITE PLAINS, N. Y., AND NEW YORK CITY

1916

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STUDY OUTLINE  
ON  
PRESENT DAY INDUSTRIES IN THE  
UNITED STATES

I

GENERAL SURVEY OF NATURAL CONDITIONS AFFECTING  
INDUSTRIES

1. Topography
2. Climate
3. Supply and demand
4. Transportation

II

AGRICULTURE

Development and significance

1. The old fashioned farm
2. Application and effects of scientific methods
3. Irrigation

Types of products. Study the regions of production, its factors and methods, improvements in cultivation, the uses and importance of the products.

1. Cereals—corn, wheat, oats, barley, rye, etc.
2. Hay and forage

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## 2 STUDY OUTLINE ON

### III

#### AGRICULTURE—*Continued*

3. Vegetables and nuts
4. Fruit and flowers
5. Dairy products
6. Animals and poultry

### IV

#### AGRICULTURE—*Continued*

7. Sugar—beet and cane—and molasses
8. Tobacco
9. Fisheries

### V

#### FORESTRY

Seven principal forest districts

A typical lumber camp

The destruction of forests

1. Fire
2. Cutting
3. Insects

The conservation movement and government protection

### VI

#### PAPER

Materials: rags, grass or wood

Process of manufacture

Adaptation and uses

Relation to forestry



## VII

## THE TEXTILE INDUSTRIES

Historical survey, showing recent progress

Position of the United States among nations

Discuss the sources, determining factors of production, the materials, methods and products of manufacture of the following:

1. Cotton

## VIII

THE TEXTILE INDUSTRIES—*Continued*

2. Wool
3. Silk
4. Flax
5. Hemp and jute

## IX

## THE CLOTHING INDUSTRY

Development and economic importance

Evils of the "sweat-shop" system

Methods and products of manufacture

## X

## THE FOOD INDUSTRY

Flour mills

Canning and preserving

Alcoholic liquors

## XI

## LEATHER

- History and description
- Trade in skins and hides
  - Process of tanning
- Manufacturing products
  - Shoemaking, old and new
- Future supply and possible substitutes
- Commercial value

## XII

## RUBBER

- Origin and sources
- Cultivation
- Manufacture
- Utilization
- Chemical substitutes
- Commercial value

## XIII

## THE CHEMICAL INDUSTRY

- Laboratory processes performed in factories
  - Economic advantages
- Principal materials
- Principal products: fertilizers, soap, drugs, explosives, etc.

## XIV

## IRON AND STEEL INDUSTRY

- Early history
- Occurrence of iron ore
- Preliminary treatment

## U. S. INDUSTRIES.

Processes of manufacture

Cast iron

Wrought iron

Steel

Bessemer method

## XV

### MACHINERY INDUSTRIES

Agricultural implements

Carriages and automobiles

The Ford factory in Detroit

Machine tools, engines, railway cars and locomotives

### SHIPBUILDING

Location of yards

Materials and methods

Influence of navigation laws

## XVI

### THE METALLIC INDUSTRY

Distribution of factories

Types of manufactures: clocks, firearms, ammunition, silverware, jewelry, etc.

### THE MINERAL INDUSTRY

Clay products: bricks, pottery and porcelain.

Study the source of material, processes, uses, problem of transportation and economic value

## STUDY OUTLINE ON

### XVII

#### THE MINERAL INDUSTRY—*Continued*

Glass

Stone and marble quarries

Copper, tin and aluminum

Gold, silver and diamonds

Study their occurrence, production, utilization  
and supply

### XVIII

#### EXPANSION OF INDUSTRIES

Reclamation of land

Conservation of natural resources

Development of transportation facilities

Government commissions

Industrial schools

# List of Study Outlines

**Contemporary Drama.** Prepared by Prof. Arthur Beatty for the Wisconsin Library Commission. Ibsen, Maeterlinck, Hauptmann, Sudermann, Echegaray, Rostand, Tchekoff, Brieux, Robertson, Jones, Pinero, Phillips, Shaw, Galsworthy, Yeats, Gregory, Synge, Fitch. List of plays, most important ones starred. Interpretative notes and suggestive ideas for discussion and study. 12p 25c.

**Contemporary English Literature.** Prepared by Prof. Arthur Beatty for the Wisconsin Library Commission. Swinburne, Meredith, Hardy, Kipling, Bridges, Gissing, Conrad, De Morgan, Wells, Bennett, Galsworthy, Yeats, A. C. Benson, Chesterton, Noyes, W. W. Gibson, Masfield. List of most important works. Critical references. Certain books studied with interpretative notes. 21p 25c.

**Dietetics.** Programs for 10 club meetings. The study is based on four selected books and the Farmers' Bulletins. 10p. Under one cover with "Home Economics."

**England and Scotland: History and Travel.** Prepared by C. E. Fanning. Intended for travel study club which has a historical foundation for its work. Bibliography. List of additional topics. 10p 25c.

**Home Economics.** Prepared by the Home Economics Division, Agricultural Extension Department, Purdue University. Programs for 10 club meetings. The study is based on three selected books and the Farmers' Bulletins. 11p. Under one cover with "Dietetics." 25c.

**Italian Art: A General Survey.** Prepared for the Minnesota Library Commission. Chronological order of subjects 6p 15c.

**Mexico.** Prepared by Study Club Department, Wisconsin Library Commission. 2p. To be used in the same year with South America Past and Present or Panama. Under one cover with Panama. 15c.

**Municipal Civics.** Prepared by Anna L. Guthrie. A topical outline with references by page to books and periodicals. Bibliography. 32p 25c.

**Panama.** Prepared by L. E. Stearns for the Wisconsin Library Commission. 4p. Under cover with Mexico.

**Present Day Industries in the United States.** Prepared by the Study Club Department, Wisconsin Library Commission. Topical outline without references. 6p 15c.

**Slav Peoples.** Prepared by Gregory Yarros. The history, present distribution and culture of the Slavs. A topical outline with references under each topic. Bibliography. 24p. 25c.

**South America.** Prepared by Corinne Bacon. Topical outline with chapter and page references as a help in the preparation of papers. Full bibliography. 32p 25c.

**United States since the Civil War.** Prepared by C. E. Fanning. Intended for clubs studying advanced American history and modern problems. Bibliography. 10p 25c.

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